

PORTION DESCRIPTIONS

FROM THE

JANUARY 12, 2000

MINERAL LEASE SALE

STATE LEASE NO. 16620 EXHIBIT "A"

PORTION OF TRACT 32248 - PORTION OF BLOCK 5, BAY MARCHAND AREA, Lafourche Parish, Louisiana

That portion of Block 5, Bay Marchand Area, Lafourche Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, described as follows: Beginning at a point on the West line of Block 5, Bay Marchand Area, having Coordinates of X=2,345,885.20 and Y=138,650.00; thence North 21 degrees 37 minutes 46 seconds West 3,281.04 feet along the West line of said Block 5 to a point having Coordinates of X=2,344,675.80 and Y=141,700.01; thence South 72 degrees 34 minutes 43 seconds East 4,008.06 feet to a point having Coordinates of X=2,348,500.00 and Y=140,500.00; thence South 1,850.00 feet to a point having Coordinates of X=2,348,500.00 and Y=138,650.00; thence West 2,614.80 feet to the point of beginning, containing approximately 172.75 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

It appears, according to our records, that a portion of this tract is located within the restrictive safety fairway area as set out by the Corps of Engineers, U.S. Army.

NOTE:

STATE LEASE NO. 16621 EXHIBIT "A"

PORTION OF TRACT 32252 - PORTION OF BLOCK 3, BAY MARCHAND AREA, Lafourche Parish, Louisiana

That portion of Block 3, Bay Marchand Area, Lafourche Parish, Louisiana, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, described as follows: Beginning at a point on the West line of Block 3, Bay Marchand Area, having Coordinates of X = 2,364,327.73 and Y =139,550.00; thence North 5,350.00 feet along the West line of said Block 3 to a point having Coordinates of X = 2,364,327.73 and Y = 144,900.00; thence East 2,754.37 feet to a point having Coordinates of X = 2,367,082.10 and Y =144,900.00; thence South 5,807.87 feet to a point having Coordinates of X =2,367,082.10 and Y = 139,092.13; thence Southwesterly on a straight line to a point having Coordinates of X = 2,366,390.36 and Y = 138,750.00; thence North 68 degrees 48 minutes 04 seconds West 2,212.34 feet to the point of beginning, containing approximately 367.22 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources, LESS AND EXCEPT that portion thereof, if any, which is more than three nautical miles from the coast line as determined by the Report of the Special Master in the litigation in the Supreme Court of the United States styled United States v. State of Louisiana et al No. 9 Original, said three mile line as set out in the June, 1975, decree of the Supreme Court. bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16622 EXHIBIT "A"

PORTION OF TRACT 32253 - Bossier and Webster Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on January 12, 2000, situated in Bossier and Webster Parishes, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 1,678,100.00 and Y = 853,350.00; thence North approximately 3,650 feet to a point on the Arkansas-Louisiana State line having a Coordinate of X = 1,678,100.00; thence Easterly approximately 16,150 feet along said state line to a point having a Coordinate of X = 1,694,250.00; thence South approximately 3,500 feet to a point having Coordinates of X = 1,694,250.00 and Y = 853,500.00; thence West 5,250.00 feet to a point having Coordinates of X = 1,689,000.00 and Y = 1,689,000.00853,500.00; thence South 89 degrees 12 minutes 42 seconds West 10,901.03 feet to the point of beginning, containing approximately 12 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (North Zone).

NOTE:

The above tract is located upon a restricted scenic river and all operations in this area must be conducted in strict conformity with the regulations of the Louisiana Department of Wildlife and Fisheries.

STATE LEASE NO. 16624 EXHIBIT "A"

PORTION OF TRACT 32258 - Assumption Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on January 12, 2000, situated in Assumption Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,046,300.00 and Y = 1000448,600.00; thence East 250.00 feet to the Southeast corner of State Lease No. 16336 having Coordinates of X = 2,046,550.00 and Y = 448,600.00; thence East 6,497.00 feet along the South line of said State Lease No. 16336 to a point having Coordinates of X = 2,053,047.00 and Y = 448,600.00; thence South 2 ,756.00 feet to a point having Coordinates of X = 2,053,047.00 and Y =445,844.00; thence West 6,747.00 feet to a point having Coordinates of X = 2,046,300.00 and Y = 445,844.00; thence North 2,756.00 feet to the point of beginning, LESS AND EXCEPT all that portion of State Lease No. 346, as amended, that may lie within the above described tract, containing approximately 391 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16625 EXHIBIT "A"

PORTION OF TRACT 32258 - Assumption Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on January 12, 2000, situated in Assumption Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,058,275.00 and Y =448,600.00; thence East 2,275.00 feet to a point having Coordinates of X = 2,060,550.00 and Y = 448,600.00; thence South 36 degrees 38 minutes 03 seconds East 2,430.02 feet to a point having Coordinates of X = 2,062,000.00and Y = 446,650.00; thence South 1,490.00 feet to a point having Coordinates of X = 2,062,000.00 and Y = 445,160.00; thence West 5,900.00 feet to a point having Coordinates of X = 2,056,100.00 and Y = 445,160.00; thence North 32 degrees 18 minutes 14 seconds East 4,069.92 feet to the point of beginning, containing approximately 310.77 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16626 EXHIBIT "A"

PORTION OF TRACT 32259 - Assumption Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on January 12, 2000, situated in Assumption Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,061,575.00 and Y =445,160.00; thence South 510.00 feet to a point having Coordinates of X = 2,061,575.00 and Y = 444,650.00; thence South 47 degrees 33 minutes 50 seconds West 4,742.36 feet to a point having Coordinates of X = 2,058,075.00and Y = 441,450.00; thence West 4,000.00 feet to a point having Coordinates of X = 2,054,075.00 and Y = 441,450.00; thence North 500.00 feet to a point having Coordinates of X = 2,054,075.00 and Y = 441,950.00; thence North 32 degrees 14 minutes 43 seconds East 3,795.36 feet to a point having Coordinates of X = 2,056,100.00 and Y = 445,160.00; thence East 5,475.00 feet to the point of beginning, containing approximately **435.60 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

STATE LEASE NO. 16629 EXHIBIT "A"

PORTION OF TRACT 32266 - Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, owned by and not under mineral lease from the State of Louisiana on January 12, 2000, situated in Plaquemines Parish, Louisiana, within the following described boundaries: Beginning at a point having Coordinates of X = 2,619,120.00 and Y = 196,713.00; thence South approximately 2,640 feet to a point on the Northern boundary of State Lease No. 2203, as amended, having a Coordinate of X = 2,619,120.00; thence Westerly approximately 1,320 feet along the Northern boundary of said State Lease No. 2203 to a point having a Coordinate of X = 2,617,800.00; thence North approximately 2,640 feet to a point having Coordinates of X = 2,617,800.00 and Y = 196,713.00; thence East 1,320.00 feet to the point of beginning, LESS AND EXCEPT all that portion of State Lease No. 2203, as amended, that may lie within the above described tract, containing approximately 80 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16630 EXHIBIT "A"

PORTION OF TRACT 32270 - PORTION OF BLOCK 2, MAIN PASS AREA, REVISED, St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, situated in St. Bernard Parish, Louisiana, and more particularly described as follows: Beginning at a point on the South line of Block 2, Main Pass Area, Revised, also being the Southerly Southwest corner of State Lease No. 14564 having Coordinates of X = 2,603,800.00 and Y = 366,580.00; thence North 63 degrees 14 minutes 15 seconds West 3,444.39 feet along the South line of said State Lease No. 14564 to its Northerly Southwest corner having Coordinates of X =2,600,724.57 and Y = 368,130.99; thence South 71 degrees 50 minutes 57 seconds West 2,972.48 feet to a point having Coordinates of X = 2,597,900.00and Y = 367,205.00; thence South 625.00 feet to a point on the South line of said Block 2 having Coordinates of X = 2,597,900.00 and Y = 366,580.00; thence East 5,900.00 feet along the South line of said Block 2 to the point of beginning, containing approximately 86 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16631 EXHIBIT "A"

PORTION OF TRACT 32271 - PORTION OF BLOCK 11, MAIN PASS AREA, REVISED, St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, situated in St. Bernard Parish, Louisiana, and more particularly described as follows: Beginning at the Northeast corner of Block 11, Main Pass Area, Revised, having Coordinates of X = 2,605,850.00 and Y = 366,580.00; thence West 10,075.00 feet along the North line of said Block 11 to a point having Coordinates of X = 2,595,775.00 and Y = 366,580.00; thence South 2,600.00 feet to a point having Coordinates of X = 2,595,775.00 and Y = 363,980.00; thence East 5,900.00 feet to a point having Coordinates of X = 2,601,675.00and Y = 363,980.00; thence South 2,650.00 feet to a point having Coordinates of X = 2,601,675.00 and Y = 361,330.00; thence East 4,175.00 feet to a point on the East line of said Block 11 having Coordinates of X = 2,605,850.00 and Y = 361,330.00; thence North 5,250.00 feet to the point of beginning, containing approximately 638 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

PORTION OF TRACT 32275 - PORTION OF BLOCK 10, MAIN PASS AREA, REVISED, St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, situated in St. Bernard Parish, Louisiana, and more particularly described as follows: Beginning at the Northwest corner of Block 10, Main Pass Area, Revised, having Coordinates of X = 2,605,850.00 and Y = 366,580.00; thence East 1,400.00 feet along the North line of said Block 10 to a point having Coordinates of X = 2,607,250.00 and Y = 366,580.00; thence South 1,525.00 feet to a point having Coordinates of X = 2,607,250.00 and Y = 365,055.00; thence South 77 degrees 00 minutes 00 seconds East 4,308.10 feet to a point having Coordinates of X = 2,611,447.68 and Y = 364,085.89; thence East 1,777.32 feet to the Northwest corner of State Lease No. 16172 having Coordinates of X = 2,613,225.00 and Y = 364,085.89; thence South 2,765.89 feet along the West line of said State Lease No. 16172 to the Northeast corner of State Lease No. 16171 having Coordinates of X = 2,613,225.00 and Y = 361,320.00; thence West 3,840.00 feet along the North line of said State Lease No. 16171 to its Northwest corner having Coordinates of X = 2,609,385.00 and Y = 361,320.00; thence West 3,535.00 feet to a point on the West line of said Block 10 having Coordinates of X = 2,605,850.00 and Y =361,320.00; thence North 5,260.00 feet along the West line of said Block 10 to the point of beginning, containing approximately **595.14 acres**, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16633 EXHIBIT "A"

PORTION OF TRACT 32279 - PORTION OF BLOCK 9, MAIN PASS AREA, REVISED, St. Bernard Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, situated in St. Bernard Parish, Louisiana, and more particularly described as follows: Beginning at a point on the West line of Block 9, Main Pass Area, Revised, having Coordinates of X = 2,620,600.00 and Y = 359,641.13; thence South 3,550.00 feet along the West line of said Block 9 to a point having Coordinates of X = 2,620,600.00 and Y = 356,091.13; thence East $\frac{1}{4},249.36$ feet to a point having Coordinates of X = 2,624,849.36 and Y = 356,091.13; thence North 2,050.00 feet to a point having Coordinates of X = 2,624,849.36 and Y= 358,141.13; thence West 2,299.36 feet to a point having Coordinates of X =2,622,550.00 and Y = 358,141.13; thence North 1,500.00 feet to a point having Coordinates of X = 2,622,550.00 and Y = 359,641.13; thence West 1,950.00 feet to the point of beginning, containing approximately 267.13 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

It appears, according to our records, that a portion of this tract is located within the restrictive safety fairway area as set out by the Corps of Engineers, U.S. Army.

NOTE:

STATE LEASE NO. 16634 EXHIBIT "A"

PORTION OF TRACT 32281 - PORTION OF BLOCK 14, MAIN PASS AREA, REVISED, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point within Block 14, Main Pass Area, Revised, said point located on the North boundary of State Lease No. 15529 and is also the Southeast corner of State Lease No. 16389 having Coordinates of X = 2,596,300.00 and Y = 344,455.00; thence with the boundaries of said State Lease No. 16389 the following courses: North 1,000.00 feet, North 74 degrees 03 minutes 17 seconds West 3,640.05 feet to the Northwest corner of said State Lease No. 16389 having Coordinates of X = 2,592,800.00 and Y =346,455.00; thence North 73 degrees 29 minutes 44 seconds East 5,632.05 feet to a point having Coordinates of X = 2,598,200.00 and Y = 348,055.00; thence East 1,250.00 feet to a point having Coordinates of X = 2,599,450.00 and Y =348,055.00; thence South 3,600.00 feet to a point on the North boundary of said State Lease No. 15529 having Coordinates of X = 2,599,450.00 and Y =344,455.00; thence West 3,150.00 feet to the point of beginning, containing approximately 329.89 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE:

STATE LEASE NO. 16635 EXHIBIT "A"

PORTION OF TRACT 32282 - PORTION OF BLOCK 14, MAIN PASS AREA, REVISED, Plaquemines Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description and all islands and other lands formed by accretion or reliction, except tax lands, belonging to the State of Louisiana and not under mineral lease on January 12, 2000, situated in Plaquemines Parish, Louisiana, and more particularly described as follows: Beginning at a point on the East line of Block 14, Main Pass Area, Revised, having Coordinates of X = 2,605,850.00 and Y = 344,455.00; thence South 5,400.00 feet along the East line of said Block 14 to a point having Coordinates of X = 2,605,850.00 and Y = 339,055.00; thence West $\frac{1}{4},750.00$ feet to a point on the East boundary of State Lease No. 15529 having Coordinates of X = 2,601,100.00 and Y = 339,055.00; thence North 2,400.00 feet along the East boundary of said State Lease No. 15529 to the Southwest corner of State Lease No. 16391 having Coordinates of X = 2,601,100.00 and Y = 341,455.00; thence East 1,000.00 feet along the South boundary of said State Lease No. 16391 to its Southeast corner having Coordinates of X = 2,602,100.00 and Y =341,445.00; thence North 3,000.00 feet along the East boundary of said State Lease No. 16391 to its Northeast corner having Coordinates of X =2,602,100.00 and Y = 344,455.00; thence East 3,750.00 feet to the point of beginning, containing approximately 519.97 acres, as shown outlined in red on a plat on file in the Office of Mineral Resources, Department of Natural All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927 (South Zone).

NOTE:

The above tract is located in or near an oyster restricted area and all operations in such area must be conducted in strict conformity with the stipulations and/or regulations of the Louisiana Department of Wildlife and Fisheries.

NOTE: